

18 August 1964

PROPOSAL

We propose to conduct an evaluation of the Coherent Light Enlarger and Spatial Filter to determine as well as possible the pertinent optical characteristics of the instrument. This evaluation will be directed primarily at improved precision of measurement and at assessing the optical performance to ascertain what components influence the presently observed behavior. This study may make use of spatial filters to elucidate the optical behavior and may include studies of different means of diffraction control.

The program will conclude no later than 31 December 1964.

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CUSTOMER

CUSTOMER NO.

JOB DESCRIPTION

	ITEM & TASK NO.	DESCRIPTION	CATEGORY	HOURS	DOLLARS
ENGINEERING & MODEL SHOP		SENIOR STAFF ENGINEER			
		OPTICAL DESIGNER			
		SENIOR ENGINEER			
		ENGINEER			
		ASSOCIATE ENGINEER			
		JUNIOR ENGINEER			
		JUNIOR PROJ. ENGINEER			
		TECHNICAL REPRESENTATIVE			
		DESIGNER ADM. PROJECT			
		DESIGNER			
		DRAFTSMAN			
		TECHNICAL WRITING			
		MECHANICAL MODEL SHOP			
		ELECTRONIC MODEL SHOP			
		TOTAL ENGINEERING LABOR			
MANUFACTURING		ENGINEERING OVERHEAD			
		TOTAL ENGINEERING COST			
		OPTICAL FABRICATION			
		MACHINE SHOP			
		ASSEMBLY			
		MANUFACTURING ENGINEER			
		TOOLMAKERS & DESIGNERS			
QC		TOTAL MFG. LABOR			
		MANUFACTURING OVERHEAD			
		TOTAL MFG. COST			
		QUALITY CONTROL LABOR			
PLANT SHOP AND TEST MET SHOP		QUALITY CONTROL OVERHEAD			
		TOTAL QC COST			
		PAINT SHOP LABOR			
		PAINT SHOP OVERHEAD			
		SHEET METAL SHOP LABOR			
		SHEET METAL SHOP OVERHEAD			
		TOTAL P. & S.M. COSTS			
		MATERIALS			
		GLASS			
		PATTERNS & CASTINGS			
		ENVIRONMENTAL TESTS			
		PURCHASED MATERIAL			
		SUB-CONTRACTING			
		CONSULTING SERVICE			
		OPTICAL TOOLING			
		MECHANICAL TOOLING			
		QUALITY CONTROL TOOLING			
		REPORTS & PRINTS			
		TRAVEL & SUBSISTENCE			
		SPECIAL PACKING			
		SHIPPING			
		PRIME COST			
		GEN. & ADM. EXPENSES			
		TOTAL COST			
		PROFIT / FEE			
		UNITING PRICE			
		QUOTED QUOTE			

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(92)

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INSTR. { T1 Investigate Optical System
 (1) Conduct further tests
 (2) Report
 T2 Spatial filters
 T3 Diffraction Control

New Instr. T4 spatial Filtering Viewer

C1 4x5 cut-film chip back
 C2 Automatic exposure (precise)
 C3 Tilt viewing screen

T1

PROPOSAL TO INVESTIGATE OPTICAL SYSTEM

- (1) Conduct further sine-wave response tests
- (2) Report